

Resin Rods - Exterior Surface Finished

Standard, O.D. Configurable

14 types of exterior surface finished engineered plastics are added to our lineup. O.D. is configurable in 1mm increment.

Standard, Large Dia.	O.D. Configurable	Material	Grade	Color
RDJJ	FRDJJ	Polyacetal	Standard	White
RDJK	-		Standard	Black
RDJM	FRDJM	MC Nylon	Standard	Blue
RDJW	-		Standard	Ivory
RDJG	-		Conductive CDR2	Black
RDJT	-		Conductive CDR6	Black
RDJB	-	Bakelite	Paper Base	Natural Color
RDJN	-		Cloth Base	Natural Color
RDJF	-	Fluororesin	Standard	White
RDJP	-	PEEK	Standard	Gray
RDJS	-	PPS	Standard	Brown
RDJX	-	ABS	Standard	Beige
RDJE	-	Epoxy Glass	Standard	Green
RDJU	-	Ultra-High Molecular Weight Polyethylene	Standard	Milky White

For characteristic values, see P953, 954.
 For Large Diameter Type (D60 ~ 200), see P318.
 Use alteration LKC for L dimension tolerance precision grade.

Part Number	Type	D	L
RDJJ	(Polyacetal - Standard, White)	3	10-250
RDJK	(Polyacetal - Standard, Black)	4	
RDJM	(MC Nylon - Standard, Blue)	5	
RDJW	(MC Nylon - Standard, Ivory)	6	
RDJG	(MC Nylon - Conductive CDR2)	8	
RDJT	(MC Nylon - Conductive CDR6)	10	10-500
RDJB	(Bakelite - Paper Base)	12	
RDJN	(Bakelite - Cloth Base)	13	
RDJF	(Fluororesin - Standard)	15	
RDJP	(PEEK - Standard)	16	
RDJE	(Epoxy Glass - Standard)	18	20-800
RDJU	(UHMWPE - Standard)	20	
RDJS	(PPS - Standard)	25	
RDJX	(ABS - Standard)	30	
RDJJ	(Polyacetal - Standard, White)	40	
RDJM	(MC Nylon - Standard, Blue)	50	
RDJF	(Fluororesin - Standard)	50	

Part Number	D	L
FRDJJ	6-10	10-500
FRDJM	11-15	10-750
	16-18	10-800
	19-30	20-800

Ordering Example

Standard
Part Number - L
RDJJ15 - 500

O.D. Configurable
Part Number - D - L
FRDJJ - D14 - L530

RDJS (PPS) generates an oxide film on the surface and the color turns brown when exposed to light and heat (direct sunlight, fluorescent light, mercury lamp and high-temperature atmosphere) for extended duration, however its mechanical and physical properties change little.
 For D60~D200, see P318.

Alterations

Part Number - L - (LKC, MC, WMC, MH, WMH)
RDJJ20 - 535 - MC8

L dimension tolerance after alterations: ±0.3 for 400mm or less; ±0.8 for greater than 400 to 800mm.
 No alteration is applicable to RDJB, RDJN, RDJF and RDJE.
 Express service is not available.

Alterations	L Dimension Tolerance	One End Tapped	Both Ends Tapped	One End Tapped with a Threaded Insert	Both Ends Tapped with Threaded Inserts
Code	LKC	MC	WMC	MH	WMH
Spec.	Changes L dimension tolerance as follows. 10 ~400mm ±0.3 401~800mm ±0.8 Ordering Code LKC 8≤D≤30	Adds a tap on one end. Ordering Code MC10 8≤D≤50 When L≤MCx2, the tap goes through. D MC (Selection Range) 8,9 4 10,11 4,5 12-14 4,5,6 15-19 4,5,6,8 20-24 4,5,6,8,10,12 25-30,40,50 4,5,6,8,10,12,16 When L≤MCx4, the pilot hole for tapping may go through.	Adds taps on both ends. Ordering Code WMC12 8≤D≤50 When L≤WMCx4, the tap goes through. D WMC (Selection Range) 8,9 4 10,11 4,5 12-14 4,5,6 15-19 4,5,6,8 20-24 4,5,6,8,10,12 25-30,40,50 4,5,6,8,10,12,16	Adds a tap on one end. (with Threaded Inserts) Ordering Code MH12 8≤D≤50 When L≤MHx2, the tap goes through. D MH (Selection Range) 8,9 4 10,11 4,5 12-14 4,5,6 15-19 4,5,6,8 20-24 4,5,6,8,10,12 25-30,40,50 4,5,6,8,10,12,16	Adds taps on both ends. (with Threaded Inserts) Ordering Code WMH10 8≤D≤50 When L≤WMHx4, the tap goes through. D WMH (Selection Range) 8,9 4 10,11 4,5 12-14 4,5,6 15-19 4,5,6,8 20-24 4,5,6,8,10,12 25-30,40,50 4,5,6,8,10,12,16

Standard For maximum L dimension in each D dimension, refer to the specification table shown on the left-hand page.

Part Number	Type	D	Min. L - 100	L101-200	L201-400	L401-600	L601-800
RDJJ		3					
RDJJ		4					
RDJJ		5					
RDJJ		6					
RDJJ		8					
RDJJ		10					
RDJJ		12					
RDJJ		13					
RDJJ		15					
RDJJ		16					
RDJJ		18					
RDJJ		20					
RDJJ		25					
RDJJ		30					
RDJM		3					
RDJM		4					
RDJM		5					
RDJM		6					
RDJM		8					
RDJM		10					
RDJM		12					
RDJM		13					
RDJM		15					
RDJM		16					
RDJM		18					
RDJM		20					
RDJM		25					
RDJM		30					
RDJG		3					
RDJG		4					
RDJG		5					
RDJG		6					
RDJG		8					
RDJG		10					
RDJG		12					
RDJG		13					
RDJG		15					
RDJG		16					
RDJG		18					
RDJG		20					
RDJG		25					
RDJG		30					
RDJT		3					
RDJT		4					
RDJT		5					
RDJT		6					
RDJT		8					
RDJT		10					
RDJT		12					
RDJT		13					
RDJT		15					
RDJT		16					
RDJT		18					
RDJT		20					
RDJT		25					
RDJT		30					
RDJB		3					
RDJB		4					
RDJB		5					
RDJB		6					
RDJB		8					
RDJB		10					
RDJB		12					
RDJB		13					
RDJB		15					
RDJB		16					
RDJB		18					
RDJB		20					
RDJB		25					
RDJB		30					
RDJN		3					
RDJN		4					
RDJN		5					
RDJN		6					
RDJN		8					
RDJN		10					
RDJN		12					
RDJN		13					
RDJN		15					
RDJN		16					
RDJN		18					
RDJN		20					
RDJN		25					
RDJN		30					
RDJF		3					
RDJF		4					
RDJF		5					
RDJF		6					
RDJF		8					
RDJF		10					
RDJF		12					
RDJF		13					
RDJF		15					
RDJF		16					
RDJF		18					
RDJF		20					
RDJF		25					
RDJF		30					
RDJE		3					
RDJE		4					
RDJE		5					
RDJE		6					
RDJE		8					
RDJE		10					
RDJE		12					
RDJE		13					
RDJE		15					
RDJE		16					
RDJE		18					
RDJE		20					
RDJE		25					
RDJE		30					
RDJU		3					
RDJU		4					
RDJU		5					
RDJU		6					
RDJU		8					
RDJU		10					
RDJU		12					
RDJU		13					
RDJU		15					
RDJU		16					
RDJU		18					
RDJU		20					
RDJU		25					
RDJU		30					

Part Number	D	Min. L - 100	L101-200	L201-400	L401-600	L601-800
FRDJJ	6-10					
FRDJJ	11-15					
FRDJJ	16-19					
FRDJJ	20-24					
FRDJJ	25-27					
FRDJJ	28-30					

Part Number	D	Min. L - 100	L101-200	L201-400	L401-600	L601-800
FRDJM	6-10					
FRDJM	11-15					
FRDJM	16-19					
FRDJM	20-24					
FRDJM	25-27					
FRDJM	28-30					